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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	050433.003
First Inventor	Gregory A. Bergwin
Title	Injection Apparatus for Irrigation Systems
Express Mail Label No.	EV 342455346 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 12]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 1]
5. Oath or Declaration [Total Sheets]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:
Mall Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

22581 U.S.P.T.O.
10/688599



7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. Paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of (when there is an assignee) Attorney
11. English Translation Document (if applicable)
12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No.:

Prior application information: Examiner _____ Art Unit: _____
 For CONTINUATION OR DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

Customer Number: _____ OR Correspondence address below

Name	James E. Bradley		
Address	Bracewell & Patterson, LLP P.O. Box 61389		
City	Houston	State	TX
Country	USA	Telephone	713-221-3301
Zip Code	77208-1389		
Fax	713-221-1212		

Name (Print/Type)	Kimberly L. Brown	Registration No. (Attorney/Agent)	48,698
Signature	Kimberly L. Brown		
	Date	10/17/2003	

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

14461
U.S. PTO

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) **385.00****METHOD OF PAYMENT** (check all that apply)**Comple^t if Known**

Application Number	Unknown
Filing Date	Unknown
First Named Inventor	Gregory A. Bergwin
Examiner Name	Unknown

Art Unit	Unknown
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Attorney Docket No. **050433-000003****FEE CALCULATION (continued)** Check Enclosed The Director is authorized to charge fee(s) indicated below, charge any additional fee(s) or any underpayment of fees, and credit any overpayments to:**DEPOSIT ACCOUNT NO.: 50-0259 (050433.003)**

Deposit Account Name:

Bracewell & Patterson, L.L.P.**3. Additional Fees**

Large Fee Code	Large Entity Fee (\$)	Small Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
1051	\$ 130	2051	\$ 65	Surcharge – late filing fee or oath	\$
1052	\$ 50	2052	\$ 25	Surcharge – late provisional filing fee or cover sheet	\$
1053	\$ 130	1053	\$ 130	Non-English specification	\$
1812	\$2,520	1812	\$2,520	For filing a request for ex parte reexamination	\$
1804	\$ 920*	1804	\$ 920*	Requesting publication of SIR prior to Examiner action	\$
1805	\$1,840*	1805	\$1,840*	Requesting publication of SIR after Examiner action	\$
1251	\$ 110	2251	\$ 55	Extension for reply within first month	\$
1252	\$ 420	2252	\$ 210	Extension for reply within second month	\$
1253	\$ 950	2253	\$ 475	Extension for reply within third month	\$
1254	\$1,480	2254	\$ 740	Extension for reply within fourth month	\$
1255	\$2,010	2255	\$1,005	Extension for reply within fifth month	\$

FEE CALCULATION**1. Basic Filing Fee**

Large Fee Code	Large Entity Fee (\$)	Small Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
1001	\$770	2001	\$385	Utility Filing Fee	\$ 385.00
1002	\$340	2002	\$170	Design Filing Fee	\$
1003	\$530	2003	\$265	Plant Filing Fee	\$
1004	\$770	2004	\$385	Reissue Filing Fee	\$
1005	\$160	2005	\$ 80	Provisional Filing Fee	\$
Subtotal (1)			\$ 385.00	1453	\$1,330
				2453	\$ 665

2. Extra Claim Fees for Utility and Reissue

Claims	Extra	Fee (below)	Fee Paid
Total	.20-.20** =	0	\$ 480
Indep.	.3-.3*** =	0	\$ 640
Multiple Dependent		\$	\$ 240
			2501
			\$ 665

**or number previously paid, if greater

For Reissues, see below

Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description
\$ 18	\$ 9	Claims in excess of 20
\$ 86	\$ 43	Independent claims in excess of 3
\$290	\$145	Multiple dependent claim, if not paid
\$ 86	\$ 43	**Reissue independent claims over original patent
\$ 18	\$ 9	**Reissue claims in excess of 20 and over original patent

Subtotal (2)	\$	Other Fee (specify)	Subtotal (3)	\$
		*Reduced by Basic Filing Fee Paid		

SUBMITTED BY*Kimberly L. Brown*Date: October 17, 2003

Kimberly L. Brown Reg. No. 48698

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CERTIFICATE OF EXPRESS MAIL UNDER 37 CFR § 1.10

I, Carol Teufel, hereby certify that this correspondence and its attachments are being deposited with the United States Postal Service as Express Mail, Express Mail Label No. EV 342455346 US, in an envelope on the date indicated, addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By: 

Date: 10/17/03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Gregory A. Bergwin, et al.

Serial No.: To be assigned

Filed: Herewith

For: INJECTION APPARATUS FOR
IRRIGATION SYSTEMS

§ Docket No.: 050433.000003
§ Art Unit: To be assigned
§ Examiner: To be assigned
§
§
§

TRANSMITTAL LETTER

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing are the following documents:

1. Patent Application;
2. One sheet of formal drawings;
3. Utility Patent Application Transmittal;
4. Fee Transmittal and check for \$385.00;
5. Information Disclosure Statement Under 37 C.F.R. § 1.97;
6. Form 1449A and copies of two references;
7. Certificate of Express Mail Under 37 CFR 1.10; and
8. Our return postcard, which we would appreciate your date-stamping and returning to us upon receipt.

I hereby authorize the Commissioner for Patents to charge any fees that may be required or credit any overpayment to Bracewell & Patterson Deposit Account No. 50-0279 (050433.000003).

Respectfully submitted,



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